

ABSTRACT

An optical member for gathering light sets on one side of a light source of a plane image input device which places documents on. The optical member for gathering light comprises a body that includes an incident surface closed to the side of the light source, a first reflecting surface, a second reflecting surface, and an emergent surface respect to the documents. When using, the side of the light source emits light into the body through the incident surface. Then light processes total internal reflection through the first and the second reflecting surface inside the body. Finally, light emerges to the documents. So light emits from the side and from the other side of the light source of the plane image input device both can be used to improve the brightness of the documents and to improve the scanning efficiency when the plane image inputting instruction in high running speed.